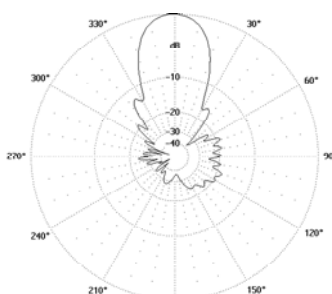
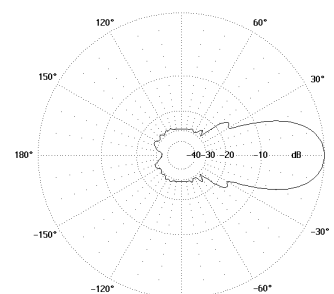


Description

BD 1G8 and BD 1G8A directional antennas are designed for mobile and data radio networks.



Radiation pattern – H plane



Radiation pattern – E plane

Technical Specifications

Type		BD 1G8	BD 1G8A
Frequency range	MHz	1880 ÷ 1900 (DECT)	1710 ÷ 1880 (GSM 1800)
Type of antenna		YAGI	
Gain	dBi	16 ÷ 17	15 ÷ 17
Radiation pattern		directional	
Beamwidth – H plane	°	30 ÷ 31	30 ÷ 34
Beamwidth – E plane	°	29 ÷ 30	29 ÷ 32
Front-to-back ratio	dB	> 20	
Polarization		vertical	
Impedance	Ω	50	
VSWR		< 1,5	< 1,7
Maximum input power	W	40	
Grounding		all metal parts of antenna including mounting kit are DC grounded	
Material of antenna		aluminium alloy, plastic, stainless steel	
Antenna holder	mm	RCK 100 006 – Ø 30 ÷ 50 (standard)	
Material of holder		aluminium alloy, hot-dip zinc steel; all screws and nuts: stainless steel	
Weight of antenna / holder	kg	0.5 / 0.1	
Dimensions l × h	mm	1107 × 80	1137 × 80
Connector type		N, FME – female	